

**Cabot Park used by NNHS & Cabot School  
OUTDOOR INTEGRATED PEST MANAGEMENT (IPM) PLAN**

East Side Parkway  
Newton, MA 02460

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**IPM Coordinator**

Derek Mannion

**Primary Contact**

Derek Mannion, 617-212-5191, dmannion@newtonma.gov

Cabot Park used by NNHS & Cabot School employs John Pesce an on-site certified and/or licensed pesticide applicator (certification/license #: 26367) who may be called on to manage all or some of the necessary OUTDOOR pest problems that may arise.

In addition, this School also has a contract with

- Alan Valdala of North Turf, Inc., 774-766-5216.

By signing the end of this outdoor IPM plan, the IPM coordinator, Derek Mannion, of this School and the Pest Management Professionals described above acknowledge, and agree to the terms of this OUTDOOR Integrated pest management plan.

**A. INTRODUCTION**

In compliance with the Act Protecting Children and Families from Harmful Pesticides the Cabot Park used by NNHS & Cabot School on 2/7/2024 10:30:00 AM has prepared the following outdoor IPM plan about pest control and pesticide use.

This plan describes the pest management practices for outdoor areas of Cabot Park used by NNHS & Cabot School and clearly states it's pesticide use policies.

A copy of the plan has been filed with the Massachusetts Department of Agricultural Resources (MDAR), and at least one printed copy must be kept on site and made available to the public upon request.

By centralizing all of the information about this facility's pest management practices the plan serves as a guide to direct this facility's IPM coordinator, Derek Mannion

## **Objectives**

The objectives of the integrated pest management program conducted at the Cabot Park used by NNHS & Cabot School are listed below.

- Reduce children's exposure to pesticides and pesticide residues whenever possible.
- Manage pests that may occur on facilities to prevent interference with the learning environment of the students.
- Provide the safest playing or athletic surfaces possible.

In light of these objectives, the Cabot Park used by NNHS & Cabot School has selected the following as its IPM policy statement.

## **B. POLICY STATEMENT**

It is the policy of this school to implement Integrated Pest Management procedures to control structural and landscape pests and minimize exposure of children, faculty, and staff to pesticides.

## **C. IPM COMMITTEE**

The tasks set before an IPM committee are to:

- Develop an IPM plan. The IPM plan is in essence, a document that describes the organization and implementation of IPM on school grounds.
- Evaluate progress of the IPM program.
- Communicate about IPM - Facilitate communication within the school about IPM practices.
- Assist in development of contract specifications.
- Provide notification to parents about pesticide use.

**The OUTDOOR committee members selected for the Cabot Park used by NNHS & Cabot School are listed below:**

- 1) Derek Mannion (Outdoor IPM Coordinator)
- 2) Margaret Doris
- 3) Barry Elliott
- 4) Derek Mannion
- 5) Bob Fleming
- 6) Victor Pieroten
- 7) Kelly Brown
- 8) Jonathan Yeo

## **D. COMMUNICATING IPM WITHIN THE FACILITY**

### **Pest Management Personnel to Building Staff:**

The Pest Management Professional communicates with the IPM coordinator of the facility. The IPM coordinator then passes this information onto an administrative assistant who decides how the information will be distributed throughout the facility.

Staff/Students communicate in writing with an administrator who then passes the information onto the IPM coordinator when necessary.

#### **E. EDUCATION AND TRAINING OF FACILITY OCCUPANTS & STAFF**

Newton Public School Operations Staff are on the IPM Committee and attend IPM meetings. Minutes are posted to City of Newton webpage.

#### **F. OUTDOOR MONITORING**

The IPM plan will follow a Annually evaluation schedule. When pests are present, Cabot Park used by NNHS & Cabot School has chosen an **OUTDOOR monitoring schedule that consists of Monthly inspections**. When pests are absent the **OUTDOOR monitoring schedule will consist of Monthly inspections**.

The following technique will be used to monitor for pests: IPM Coordinator will monitor fields for pest thresholds and discuss at IPM meetings.

#### **G. COURSE OF ACTION TAKEN FOR OUTDOOR PESTS**

Outdoor property includes the turf, landscaping, and the outdoor grounds such as building exterior, playground equipment, etc.. Cabot Park used by NNHS & Cabot School has prepared maps of the outdoor facility and identified the following priority areas for maintenance:

##### **Turf**

Our priority area is the athletic field.

The following pests have historically and/or currently been a problem at Cabot Park used by NNHS & Cabot School:

TURF PESTS	LANDSCAPING AND PLANT PESTS	OUTDOOR GROUNDS PESTS
<b>Weeds</b>		
Crabgrass		
<b>Other</b>		
Prostrate knotweed and White clover		

## TURF MANAGEMENT PLAN

The following areas are priority areas for maintenance: Our priority area is the athletic field.

### Cultural Practices

#### **Mowing:**

The athletic field is mowed two times per week to limit the amount of clippings. The height of cut is two inches. The contractor sharpens blades weekly. We do not remove clippings.

#### **Aeration:**

We aerate our athletic fields in the spring & fall.

#### **Water Management:**

We irrigate this athletic field three to four times per week (approximately one inch of water per week). We irrigate in the very early morning. We do select drought tolerant turf grass species.

#### **Fertilization:**

The fertilizer applications are based on a soil test. We fertilize with approximately 4 to 5 pounds of N per year. In spring and fall we fertilize with 30-0-10 @ one pound of nitrogen per 1000 sq. ft. In summer we fertilize with a turf maintenance fertilizer 22-0-11 @ one pound of nitrogen per 1000 sq. ft. When we slice seed, we fertilize with 18-24-12 @ .5 pounds of nitrogen per 1,000 sq. ft. Prior to each fertilization our contractor calibrates their equipment on a known sq. ft. area (a football field).

#### **Equipment Maintenance:**

Our equipment is cleaned daily after use.

### **Turfgrass diseases**

**Describe the monitoring technique you used for the pests above.**

No diseases were present.

**Provide information on how you diagnosed the pests above.**

No diseases were present.

**Provide details on the non-chemical control measures have you taken to manage the pests above.**

No non-chemical measures were needed.

**Describe any alternative management or biological strategies being used or planned to be used, if any.**

No alternative management or biological strategies were needed.

**If you use fungicides, describe your rationale for using them for the pests above.**

No fungicides were used.

**Insects/pests under the soil or root zone**

**Surface and/or thatch pests**

**Other Turf Pest Problems**

**Describe the monitoring technique you used for the pests above.**

No insects were present.

**Provide information on how you identified the species of pests above.**

No insects were present.

**Provide details on the non-chemical control measures have you taken to manage the pests above.**

No chemical measures were utilized.

**Describe any alternative management or biological strategies being used or planned to be used, if any.**

No alternative management or biological strategies were utilized.

**If you use insecticides, describe your rationale for using them for the pests above.**

No insecticides were used.

**Weeds**

Crabgrass

**Describe the monitoring technique you used for the pests above.**

We monitor athletic fields once a month during the growing season.

**Provide information on how you identified the species of pests above.**

The pests are identified by monitoring.

**Provide details on the non-chemical control measures have you taken to manage the pests above.**

We aerate as a non-chemical control measure for control of prostrate knotweed.

**Describe any alternative management or biological strategies being used or planned to be used, if any.**

We hand remove goosegrass as an alternative management strategy.

**If you use herbicides, describe your rationale for using them for the pests above.**

We use herbicides when weeds have exceeded our IPM Committee approved thresholds.

Pesticide	EPA			
Product Name	Active Ingredient	Registration Number	Target Pest	Rationale for use
Q4 Plus	Quinclorac, Sulfentrazone, 2,4-D, Dicamba	2217-930	Prostrate Knotweed, White Clover	Pest has exceeded IPM threshold limit
Pylex	Topramezone	7969-327	Crabgrass, Goosegrass	Pest has exceeded IPM threshold limit

- Herbicides are only applied by a certified and/or licensed applicator.
- Herbicides are applied as a spot treatment when appropriate.
- Herbicide Use is documented in the **STANDARD WRITTEN NOTIFICATION FORM**.

**H. RECORD KEEPING**

In the case of Cabot Park used by NNHS & Cabot School, OUTDOOR monitoring records will be maintained through: The use of forms which will be filled out by the person monitoring the facility

**I. EVALUATING THE PROGRAM**

The IPM plan will be evaluated on a Annually basis.

**J. NOTIFICATION REQUIREMENTS & EXEMPTIONS**

During the creation of this IPM plan, Derek Mannion has assigned committee member Derek Mannion with the responsibility of assembling and issuing all the documents that accompany the standard written notification whenever pesticides are applied outdoors.

**K. IN THE EVENT OF A HEALTH EMERGENCY**

During the creation of this IPM plan, Derek Mannion has assigned committee member Derek Mannion with the responsibility of applying for an emergency waiver.

**L. LIST OF PESTICIDES TO BE USED OUTSIDE THE FACILITY**

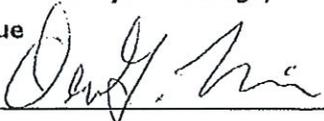
The following list includes all the pesticides that will be used outside Cabot Park used by NNHS & Cabot School. This list includes all herbicides, fungicides, and insecticides that will be used in the event that chemical is required.

Pesticide	EPA		
Product Name	Active Ingredient	Registration Number	Target Pest
			Rationale for use
<b>Q4 Plus</b>	Quinclorac, Sulfentrazone, 2,4-D, Dicamba	2217-930	Prostrate Knotweed, White Clover
			Pest has exceeded IPM threshold limit
<b>Pylex</b>	Topramezone	7969-327	Crabgrass, Goosegrass
			Pest has exceeded IPM threshold limit

**M. WELL WATER SYSTEM**

The school does not have its own on site well water system.

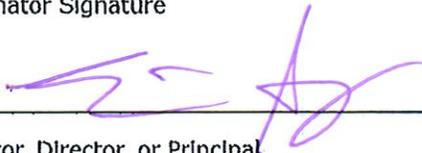
I attest, to the best of my knowledge, that the above information is complete, accurate and true

  
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2.7.2024

IPM Coordinator Signature

Date



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Administrator, Director, or Principal

Date

Outdoor IPM Plan originally submitted on: 11/12/2008 9:57:00 AM

Plan updated by Derek Mannion on: 2/7/2024 10:30:00 AM

IPM Coordinator Signature

Date

  
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Administrator, Director, or Principal

Date

Outdoor IPM Plan originally submitted on: 11/12/2008 9:53:00 AM

Plan updated by Derek Mannion on: 2/7/2024 10:15:00 AM